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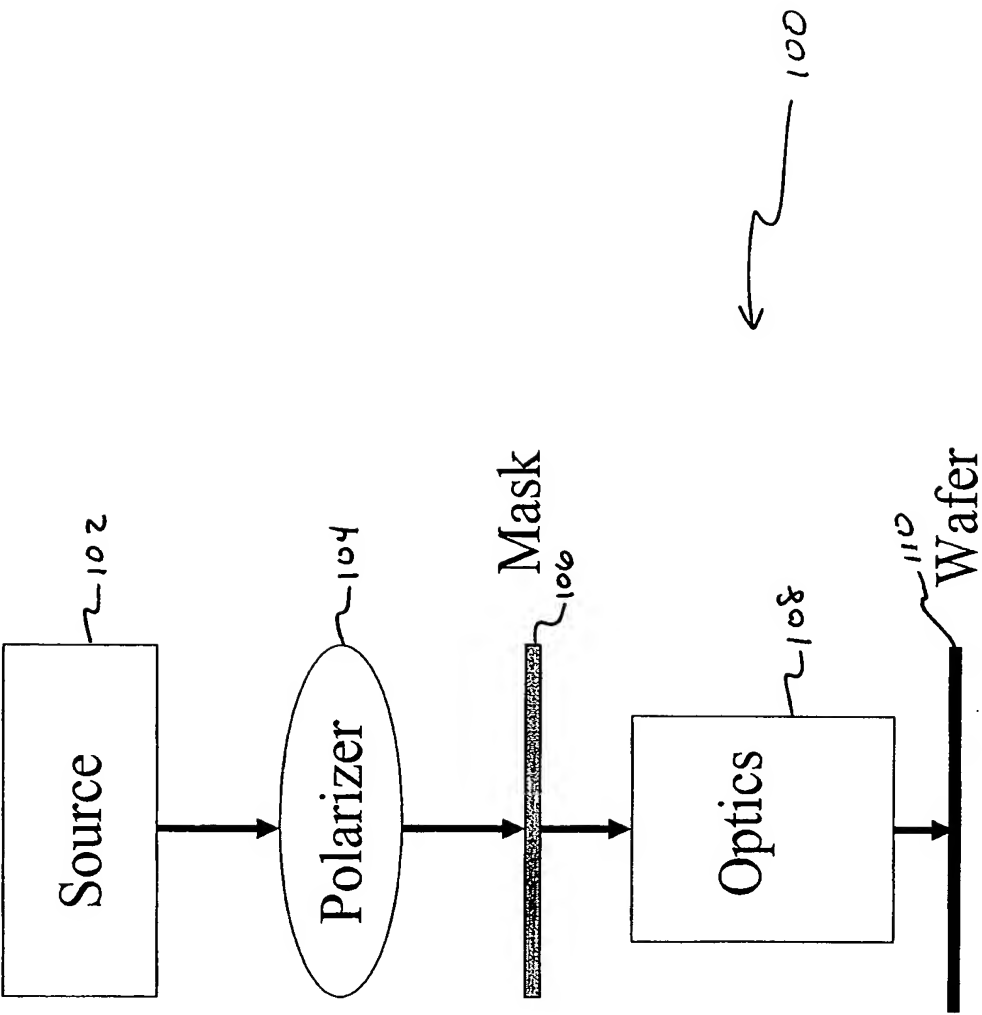


FIG. 1

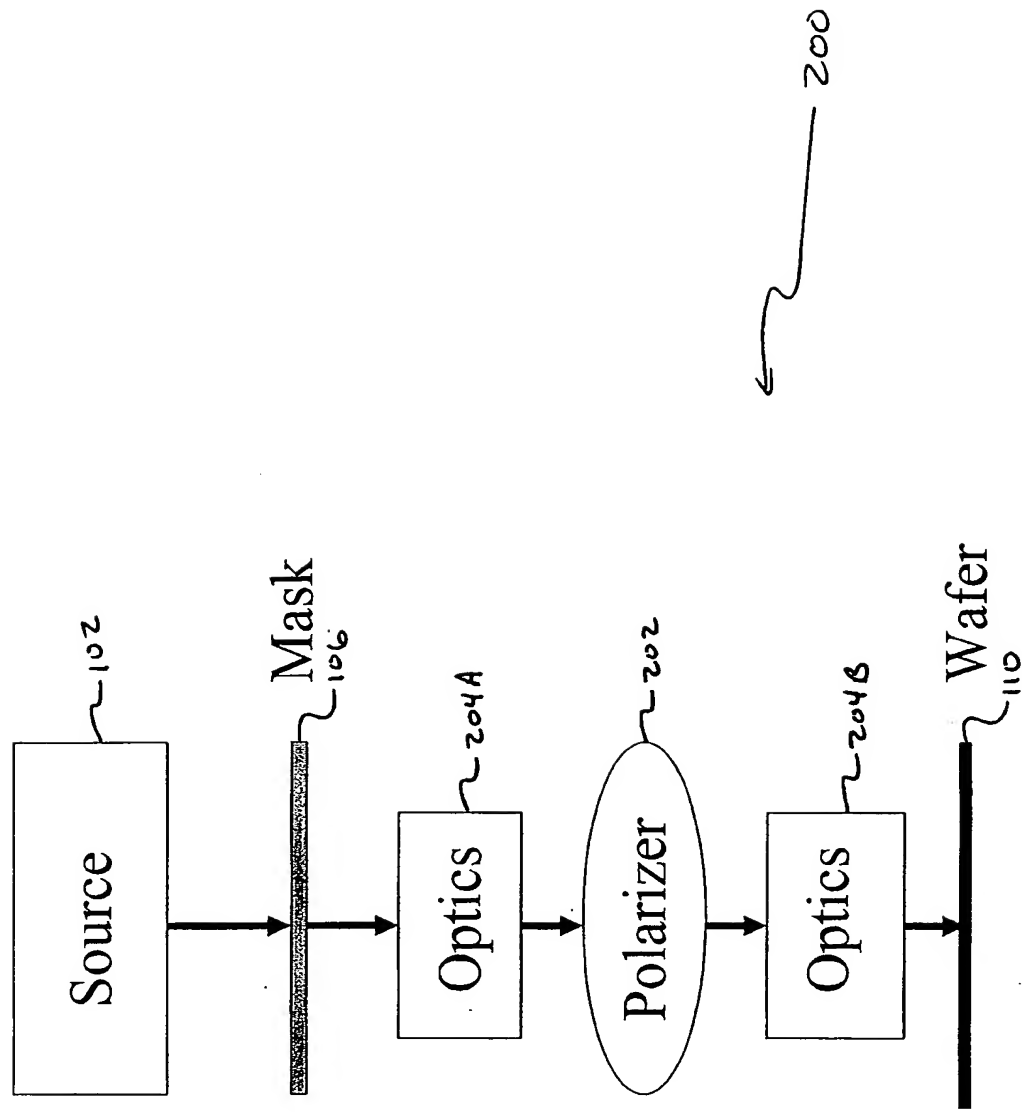
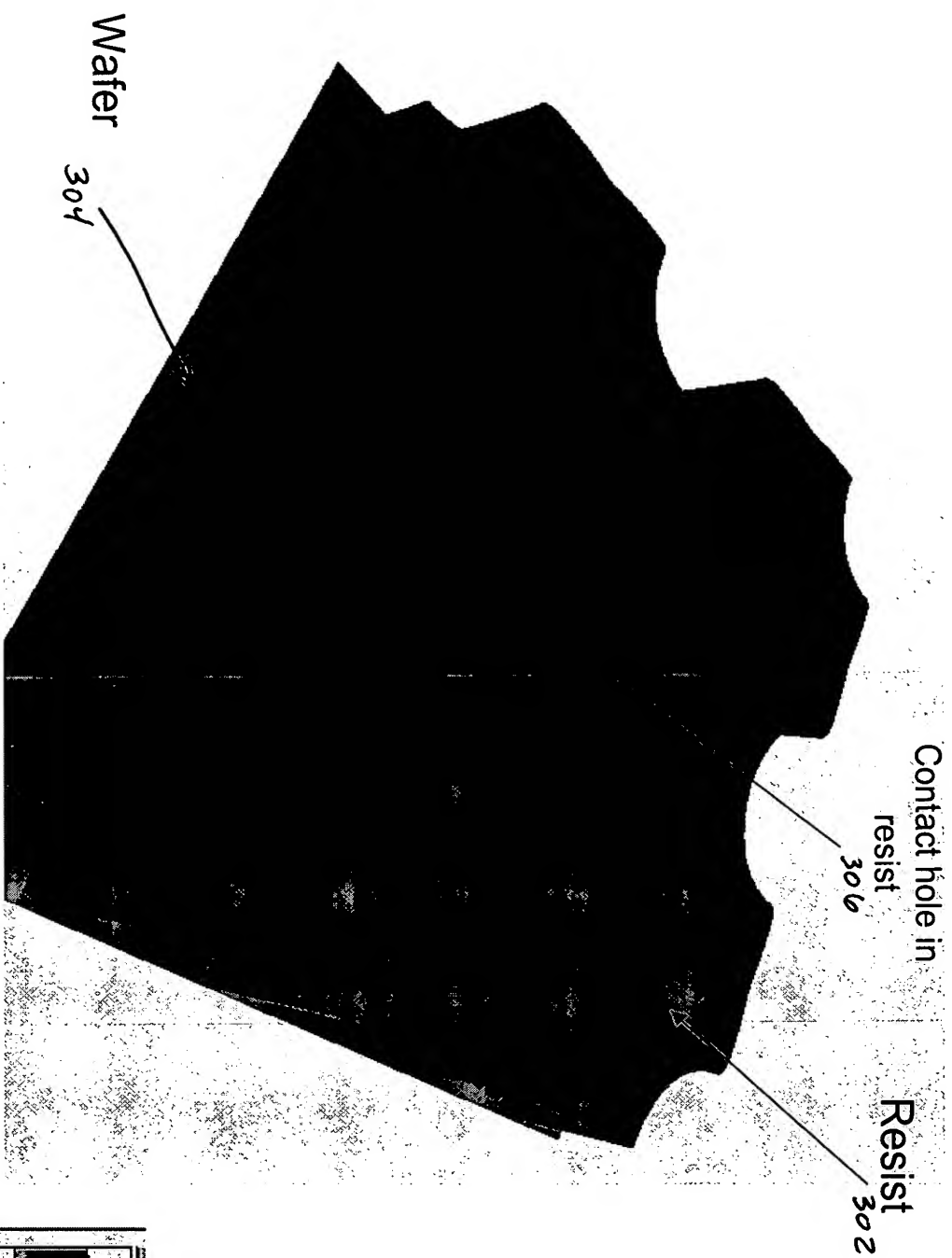
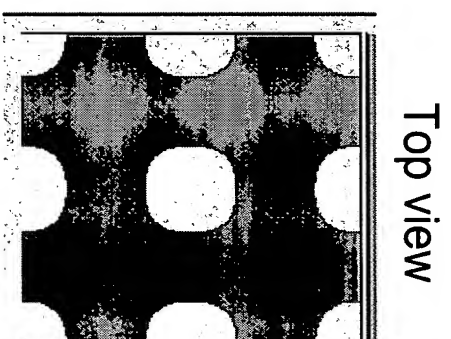


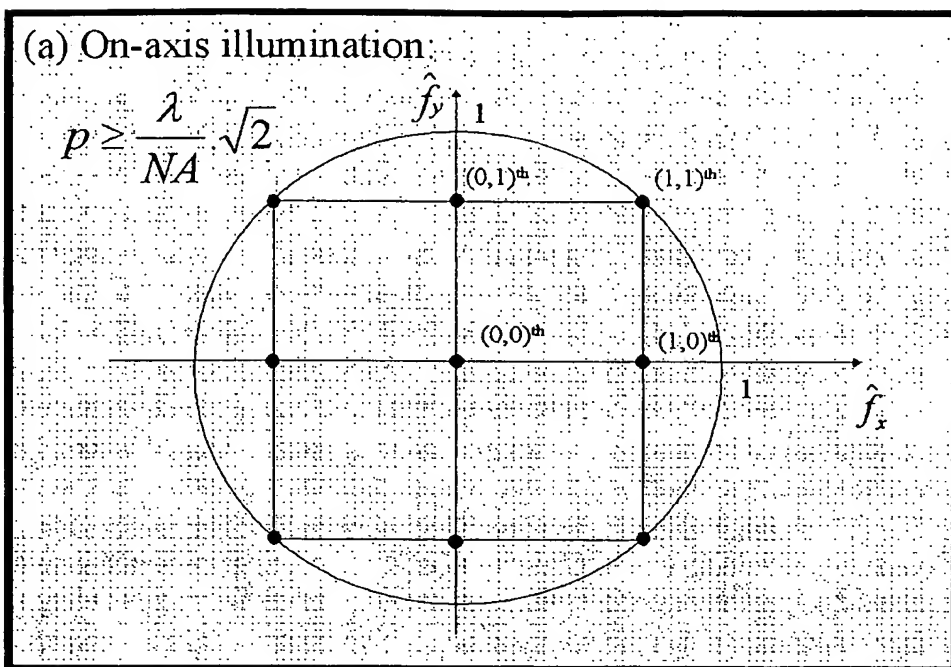
FIG. 2



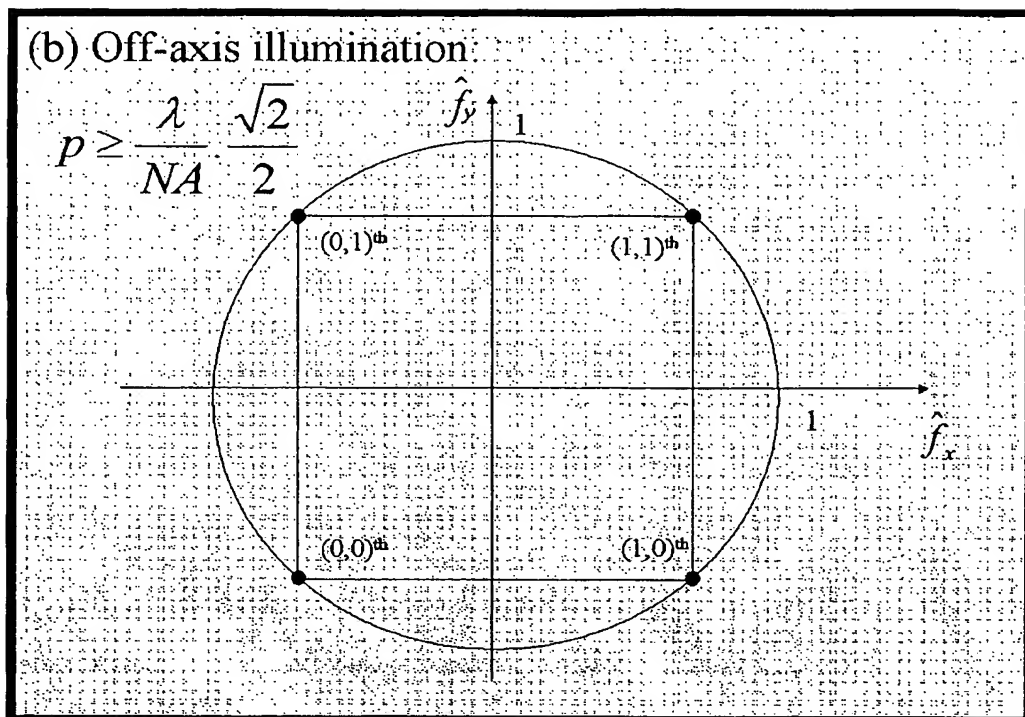
**FIG. 3A**



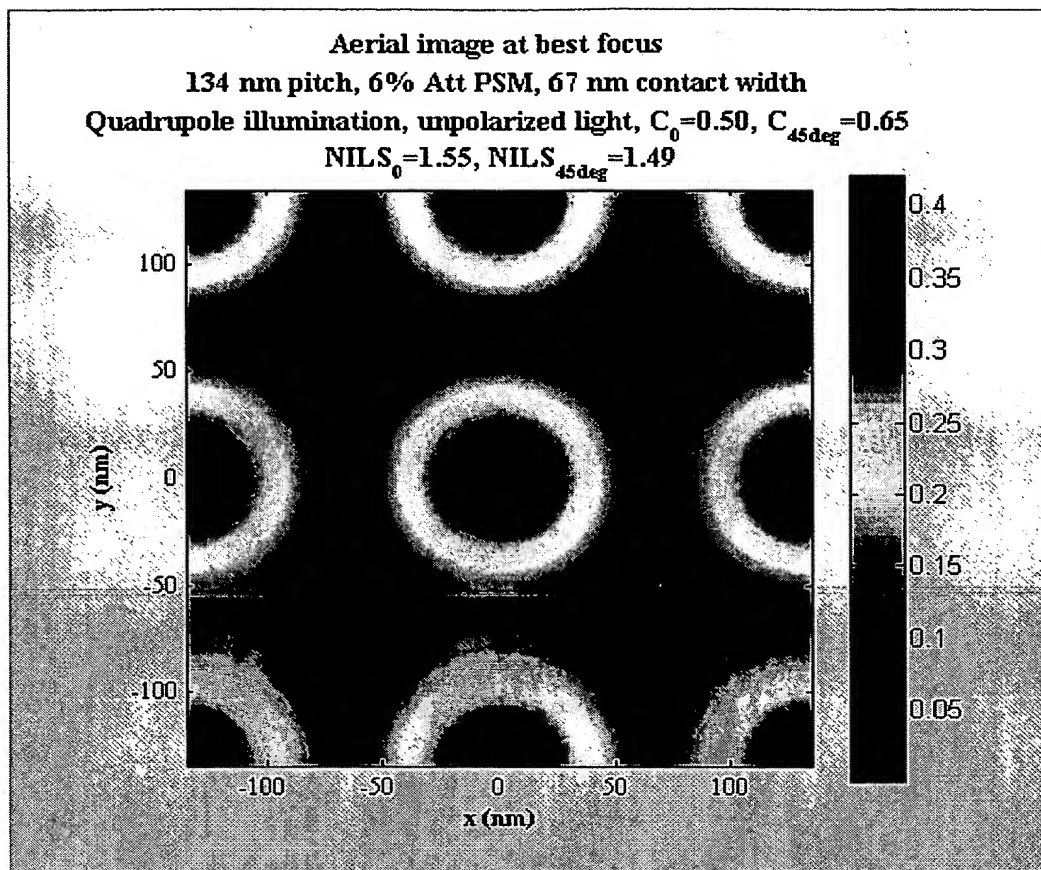
**FIG. 3B**



**FIG. 4A**



**FIG. 4B**



**FIG. 5**

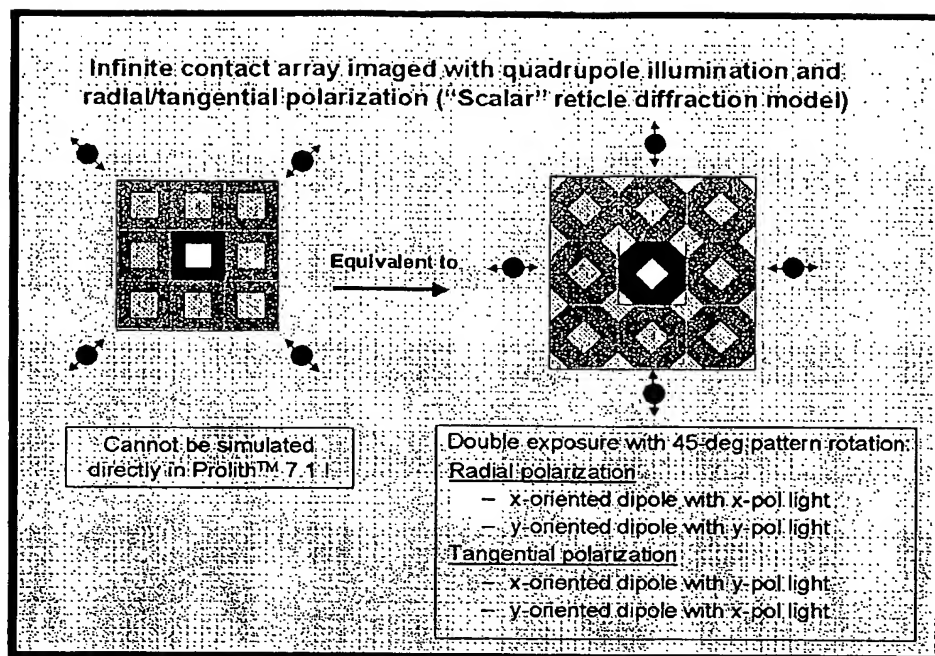
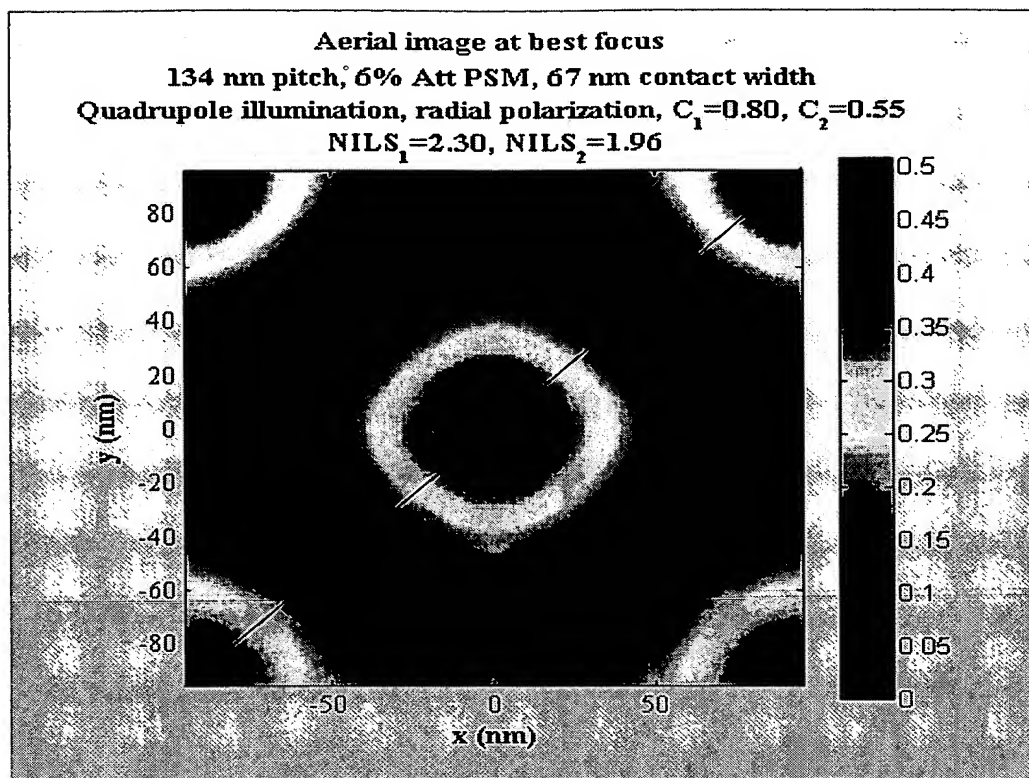
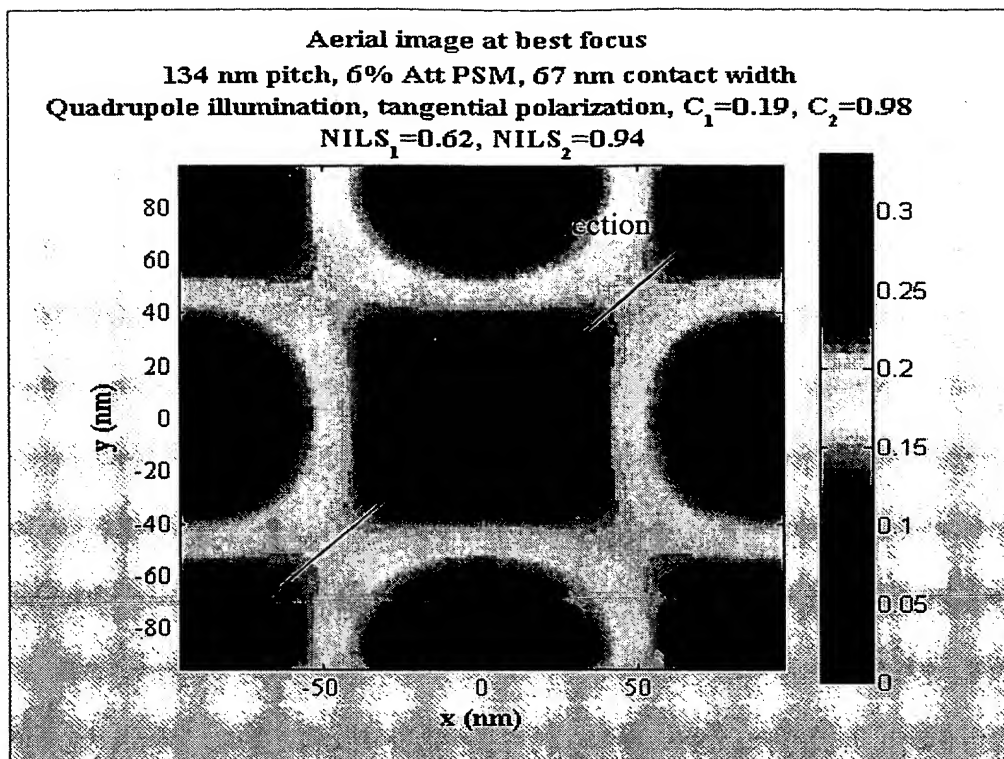


FIG. 6

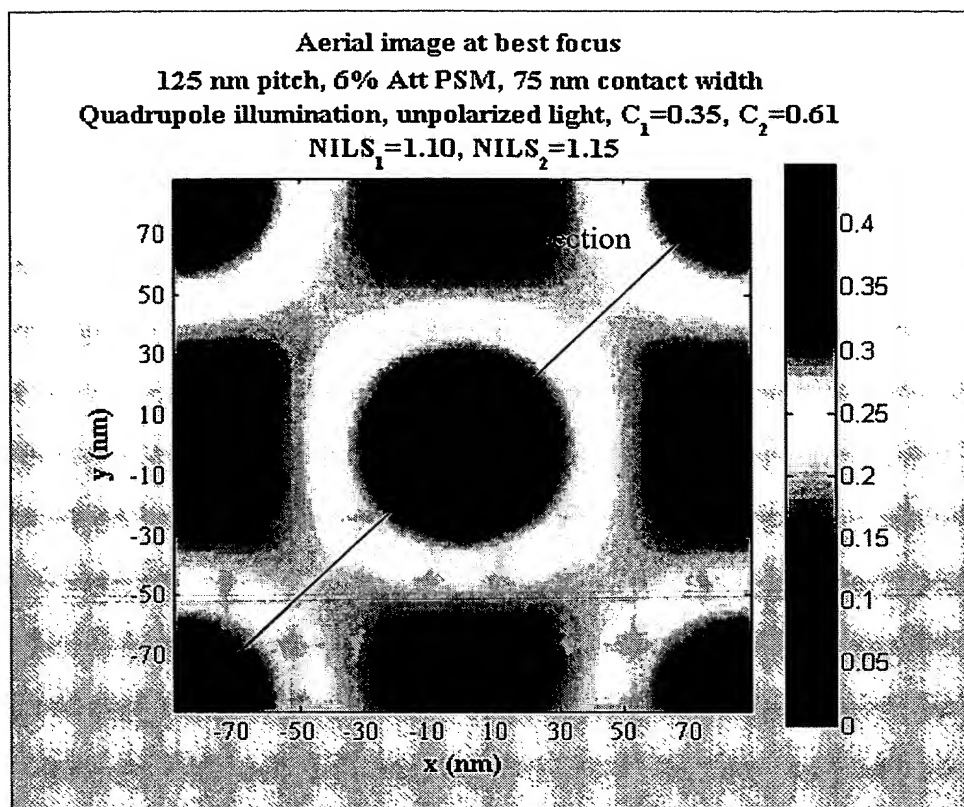




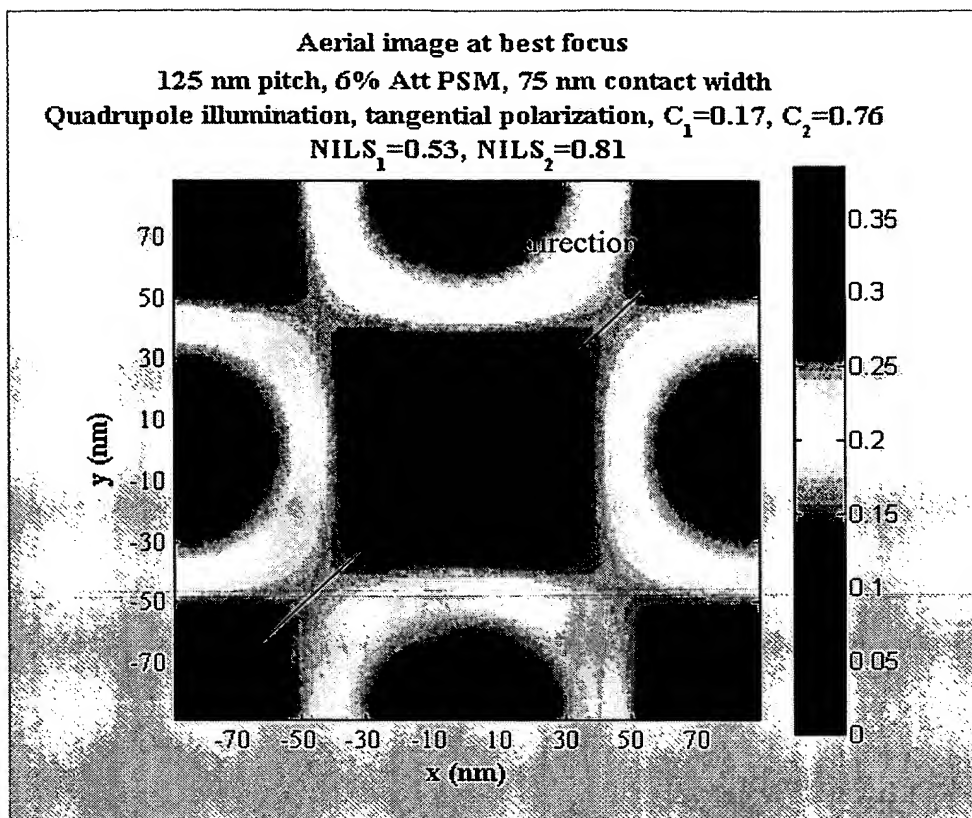
**FIG. 7A**



**FIG. 7B**



**FIG. 8A**



**FIG. 8B**

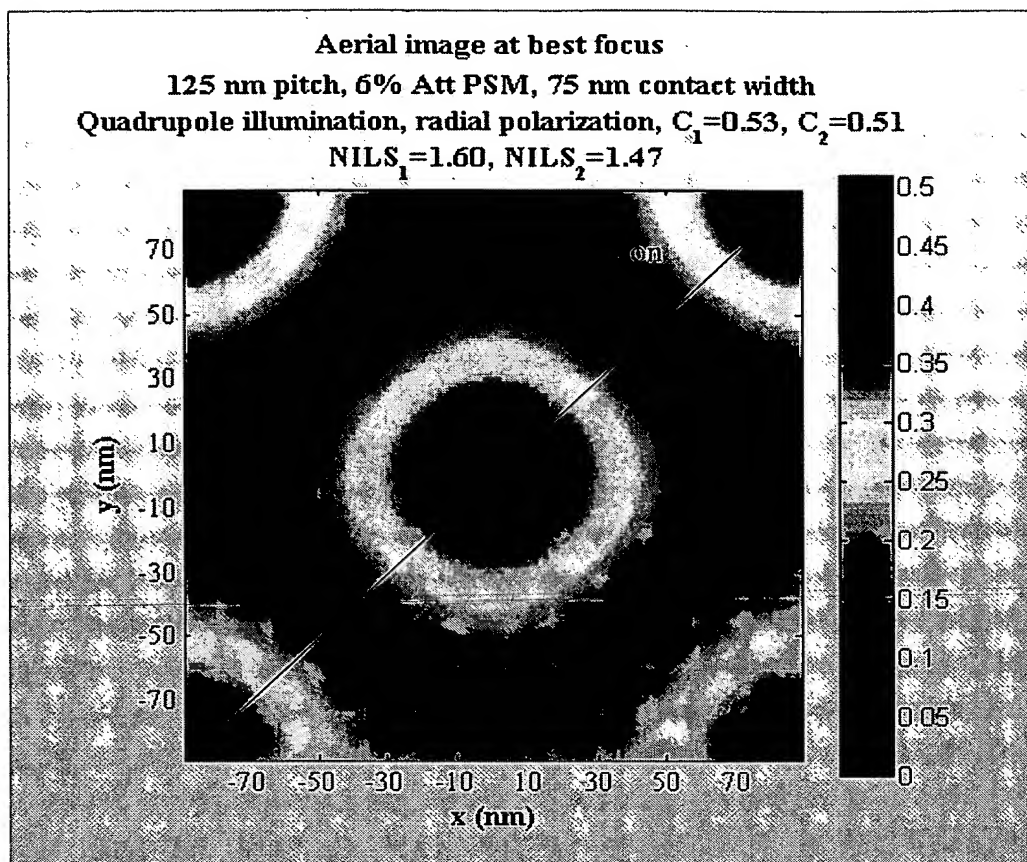
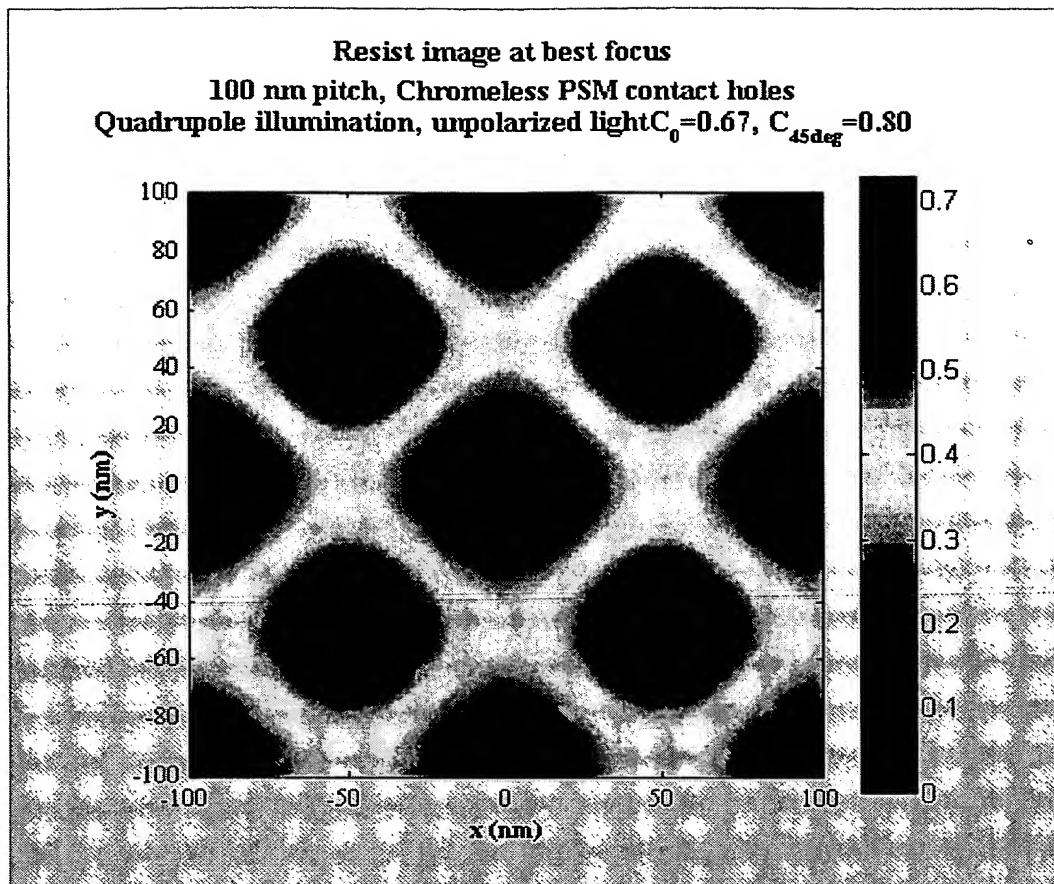
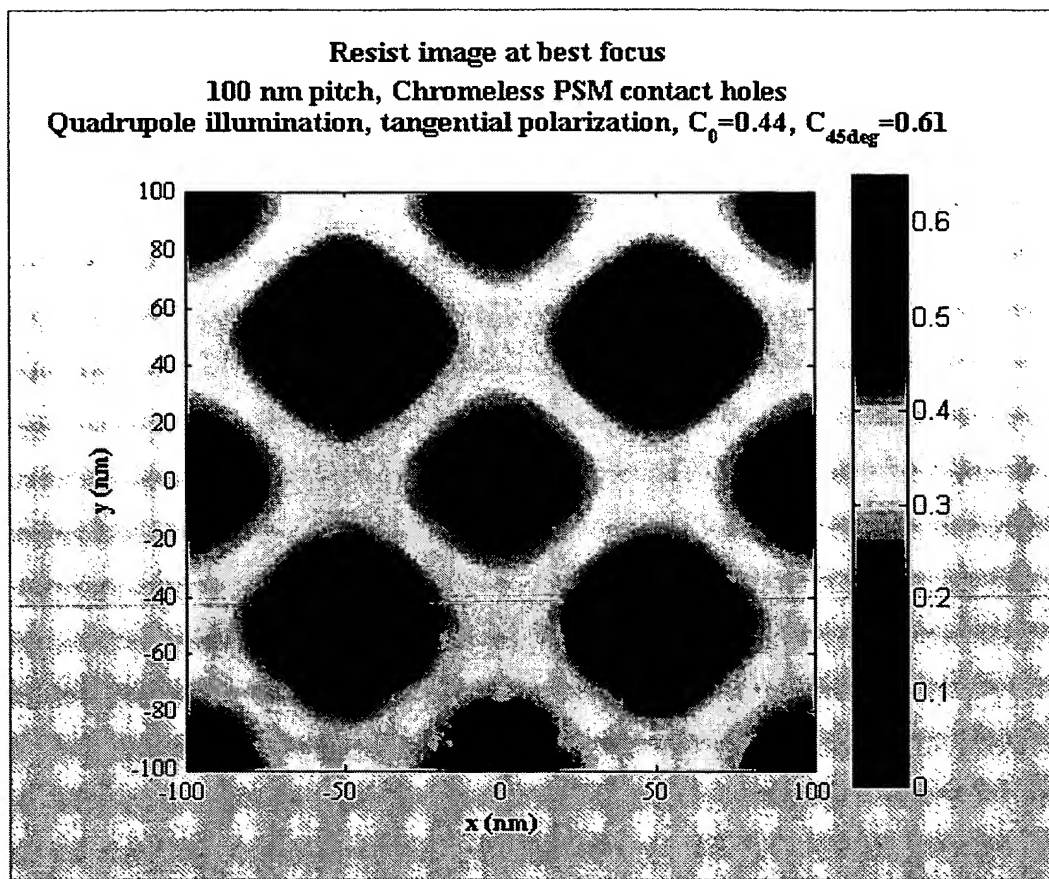


FIG. 8C



**FIG. 9A**



**FIG. 9B**

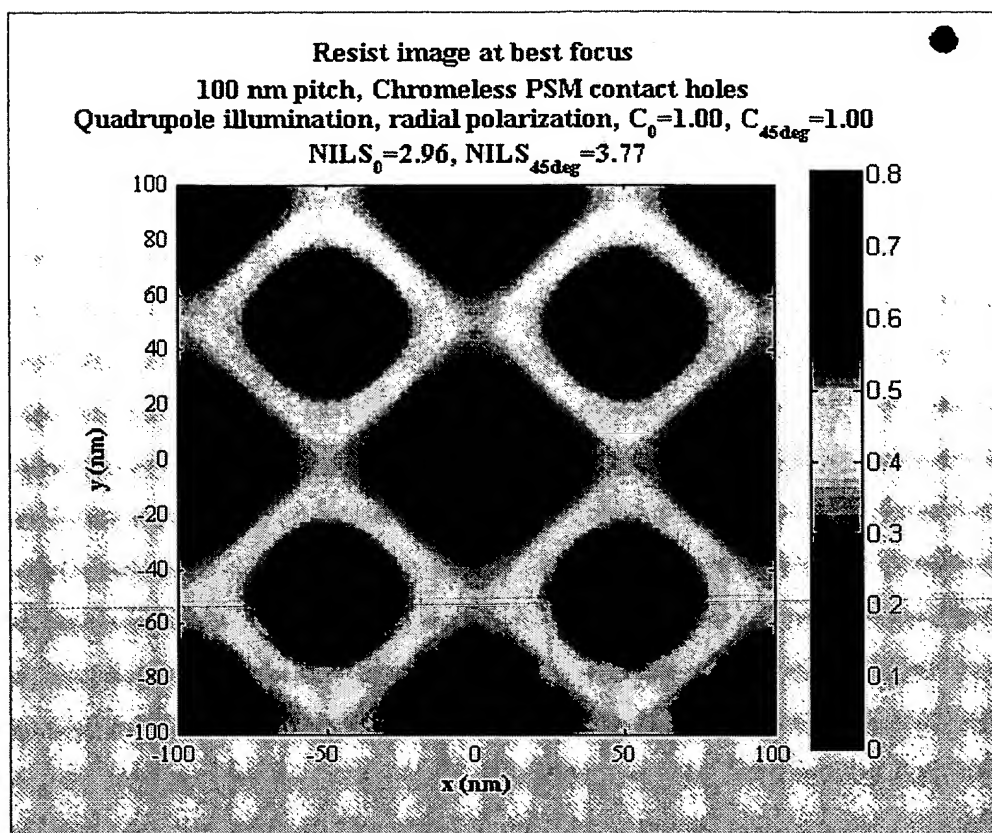
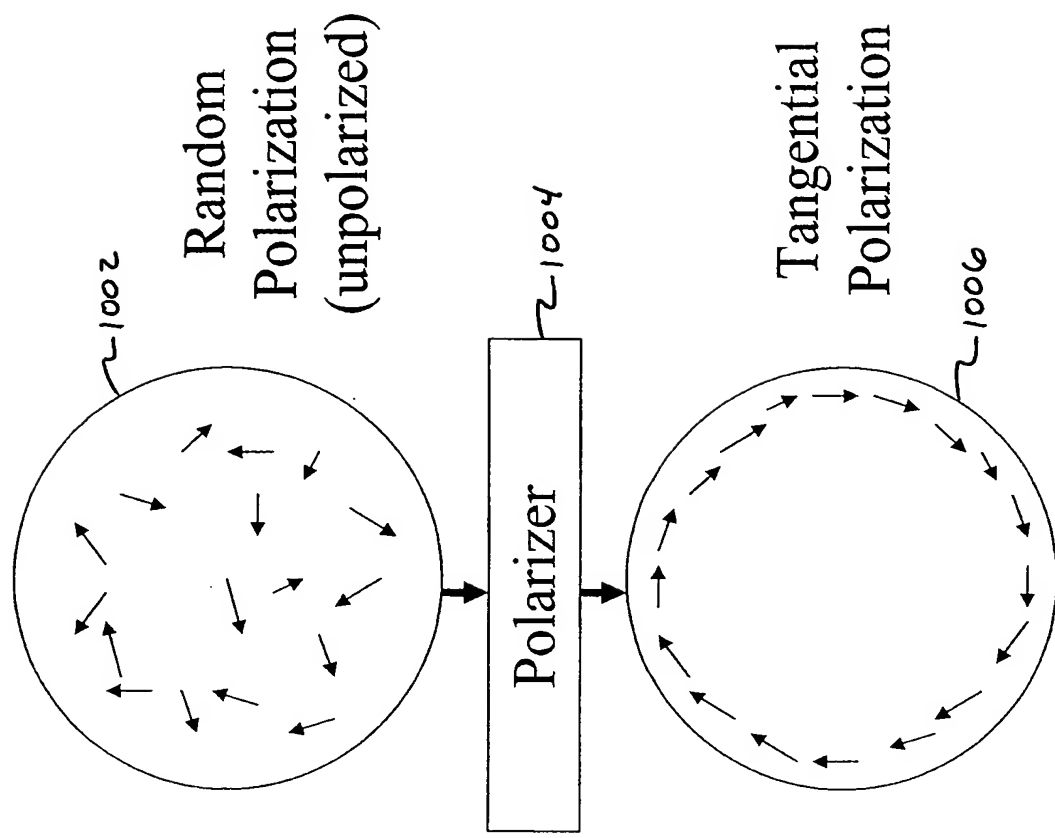


FIG. 9C





**FIG. 10A**

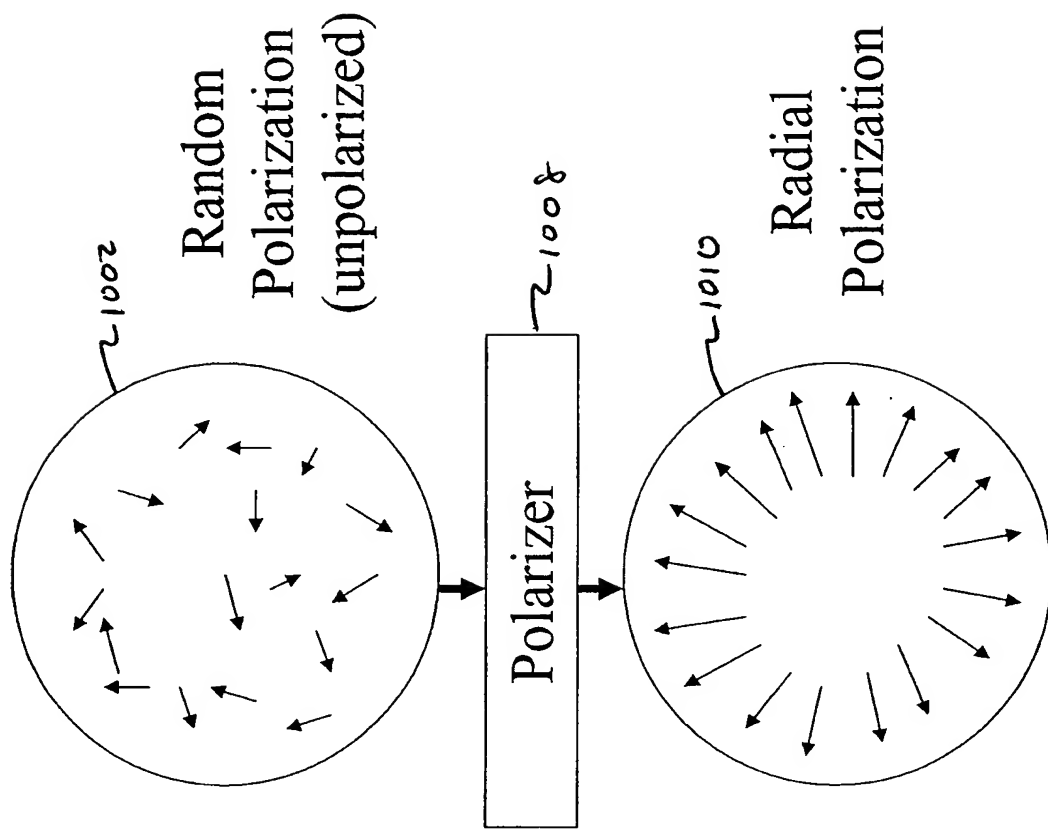
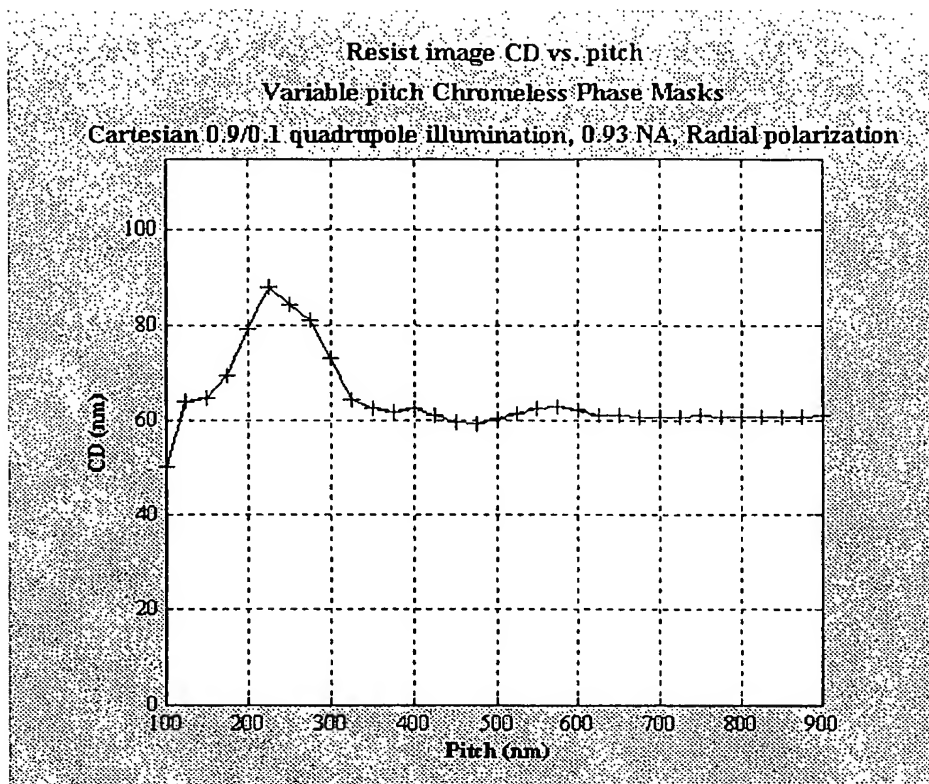
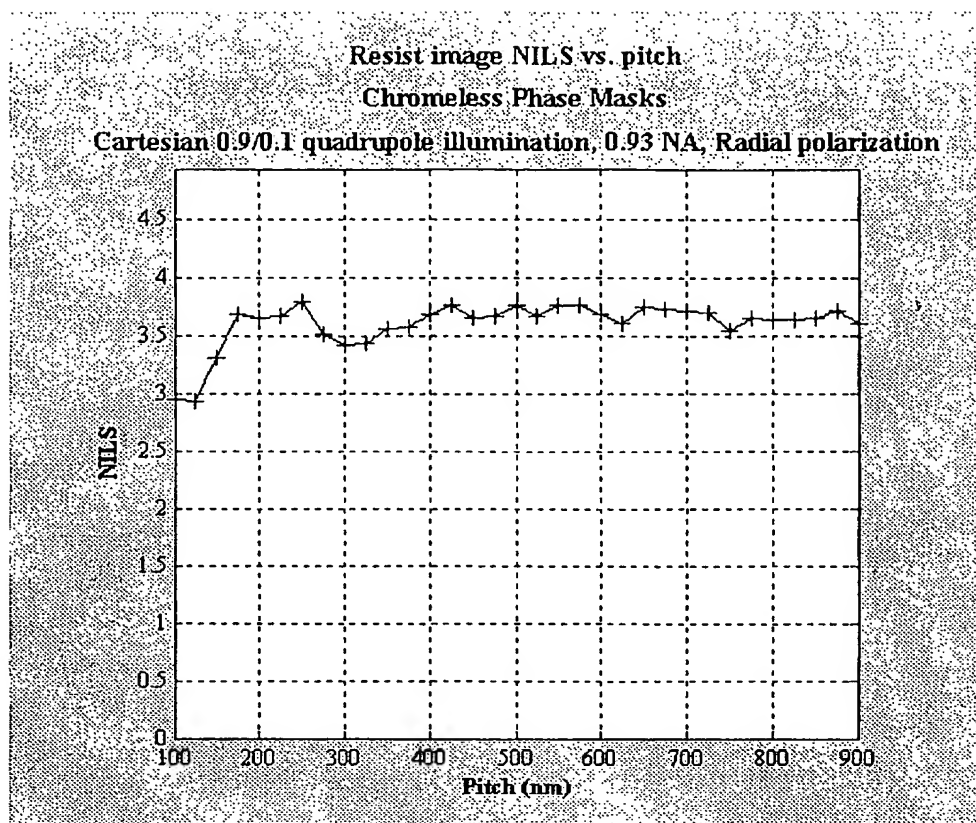


FIG. 10B



**FIG. 11A**



**FIG. 11B**

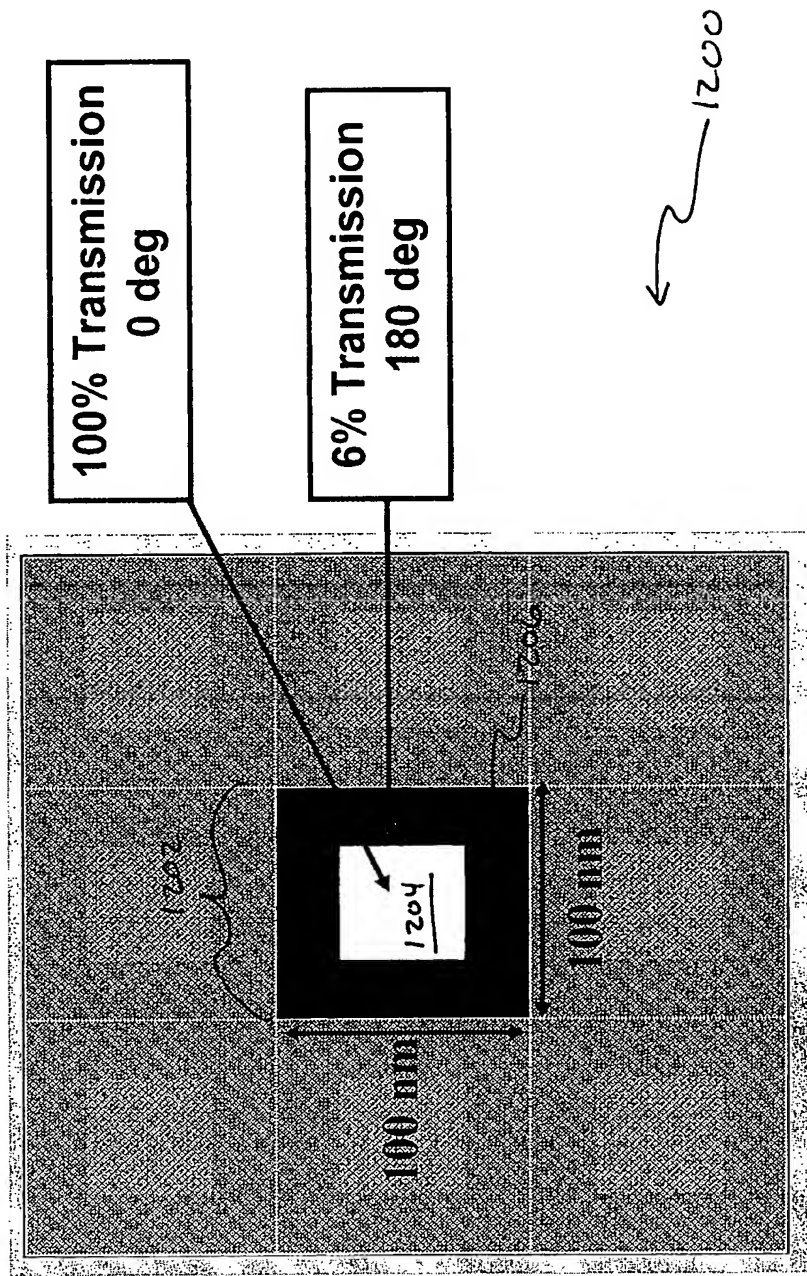


FIG. 12

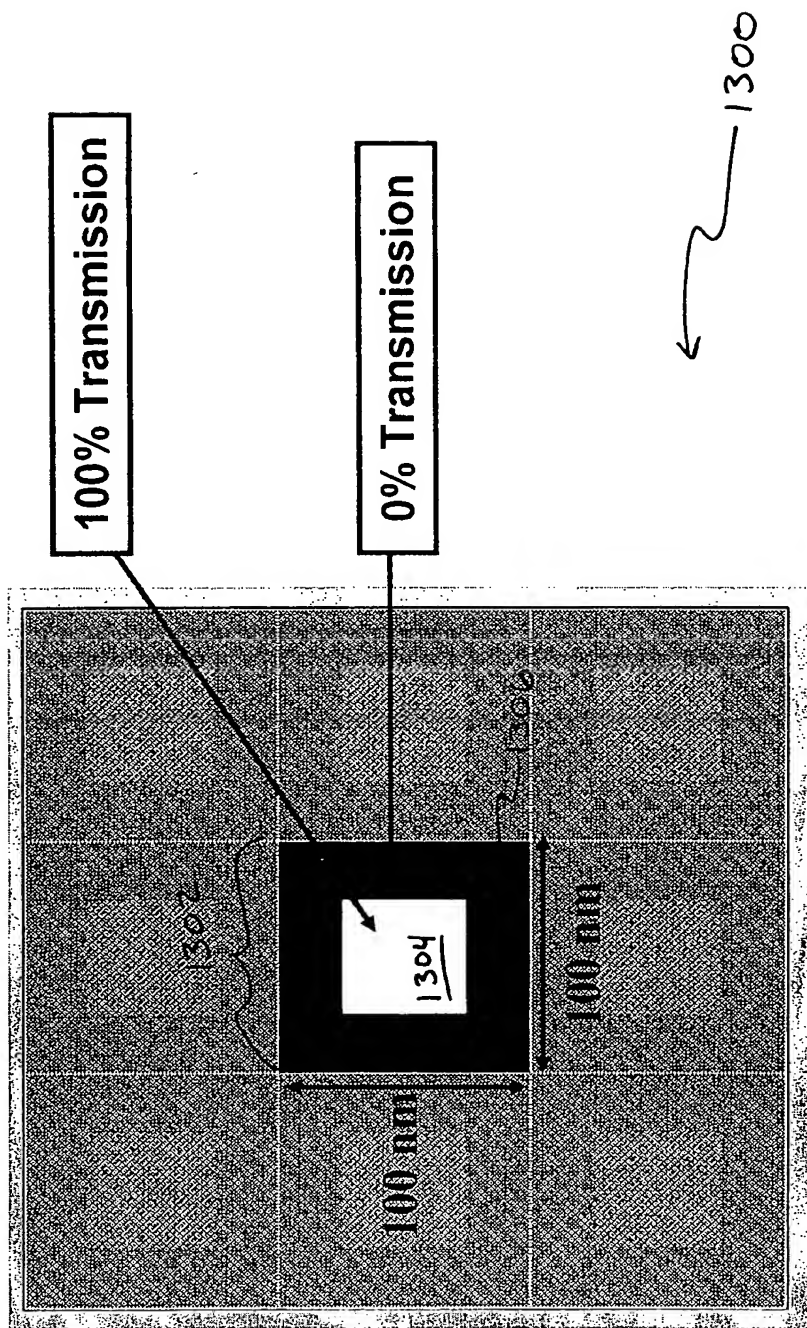


FIG. 13

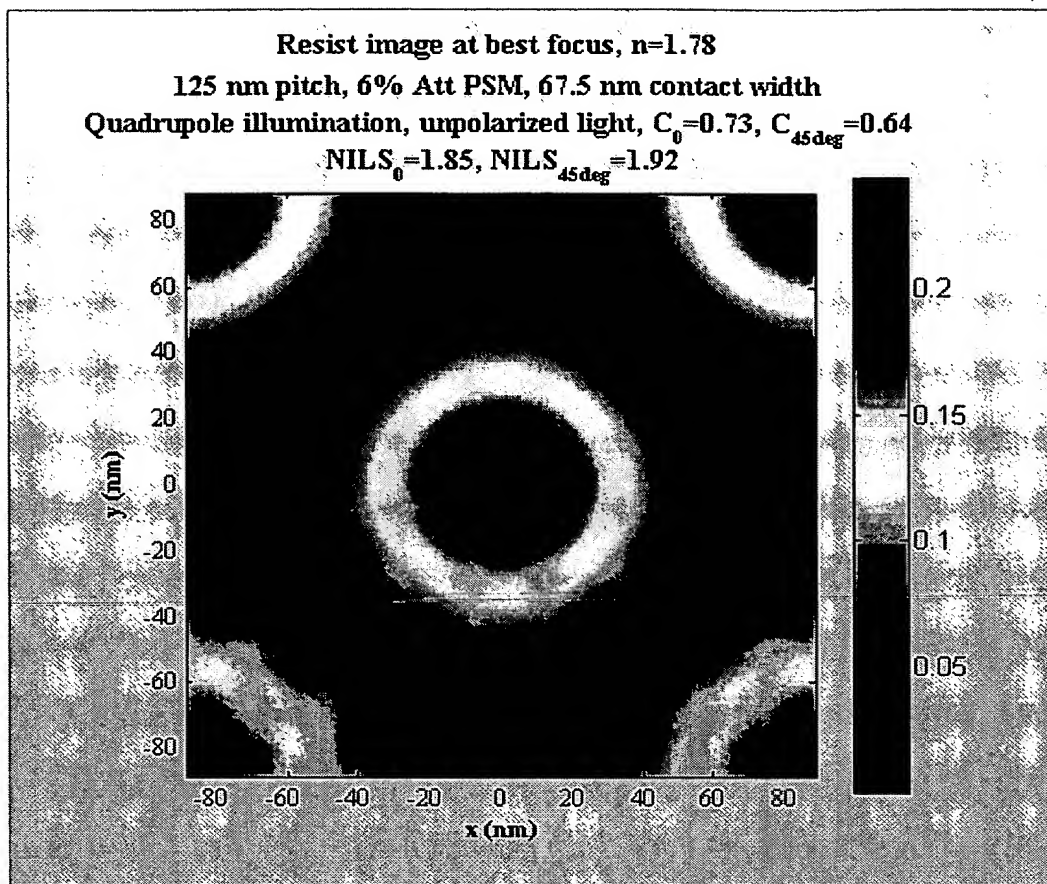
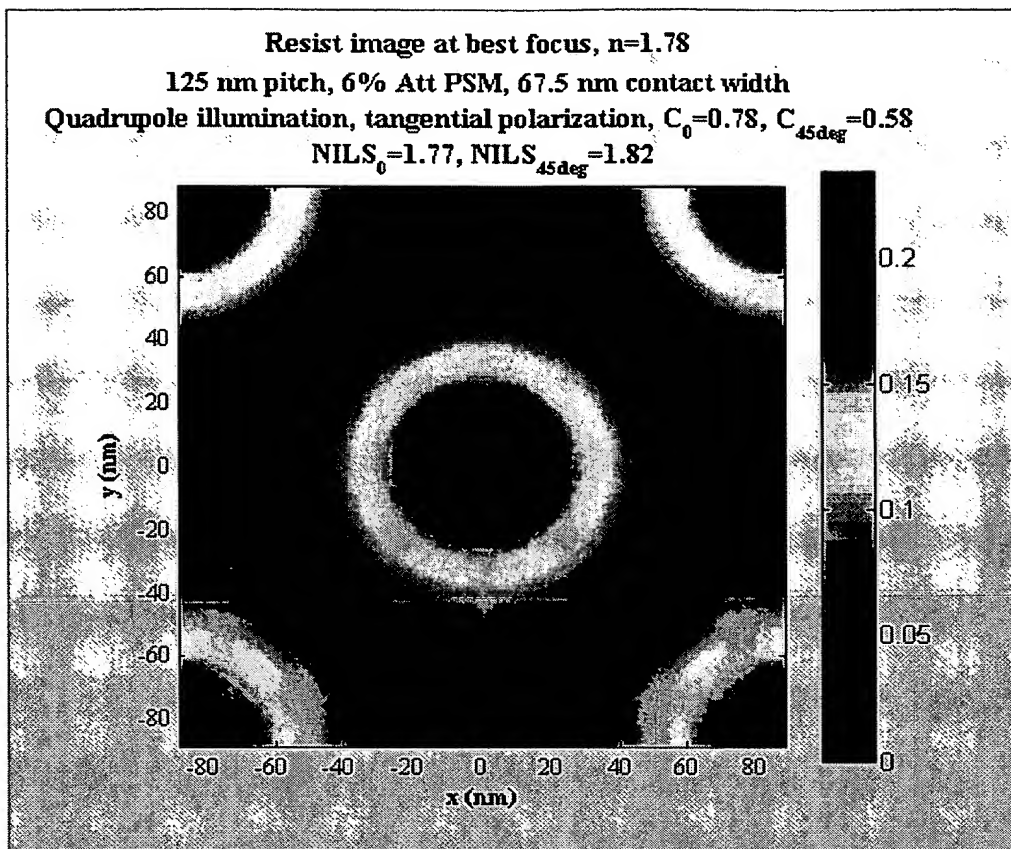


FIG. 14A



**FIG. 14B**



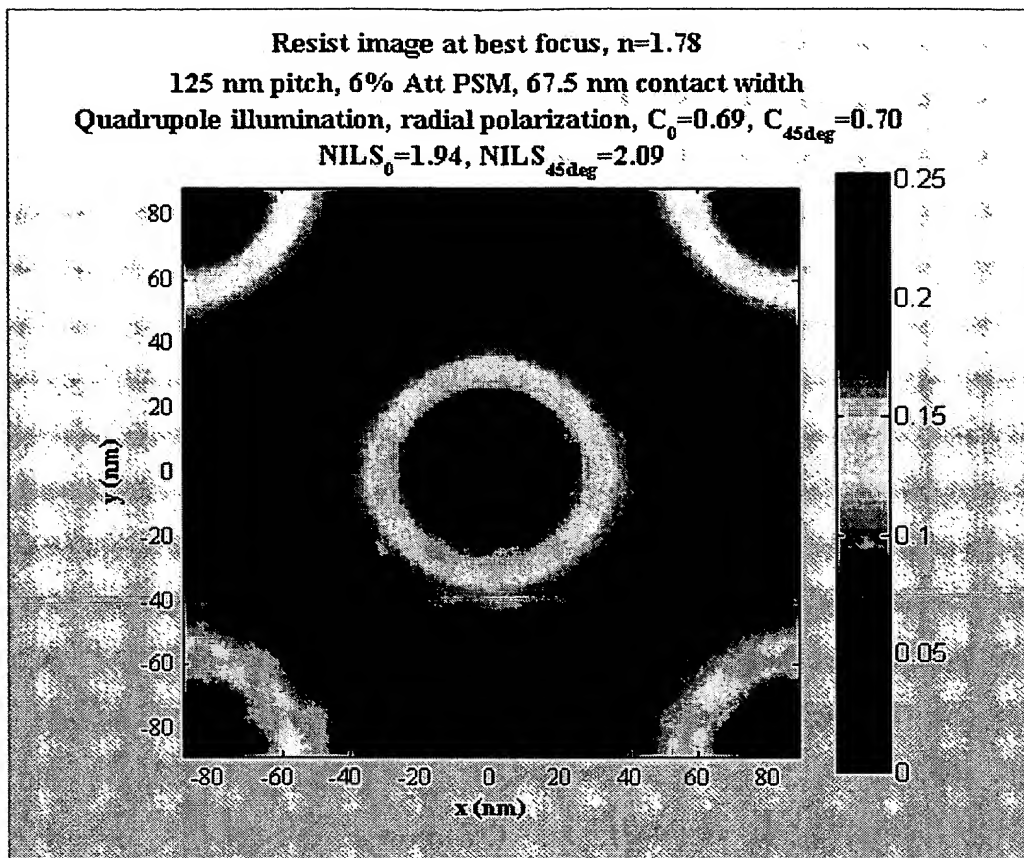


FIG. 14C

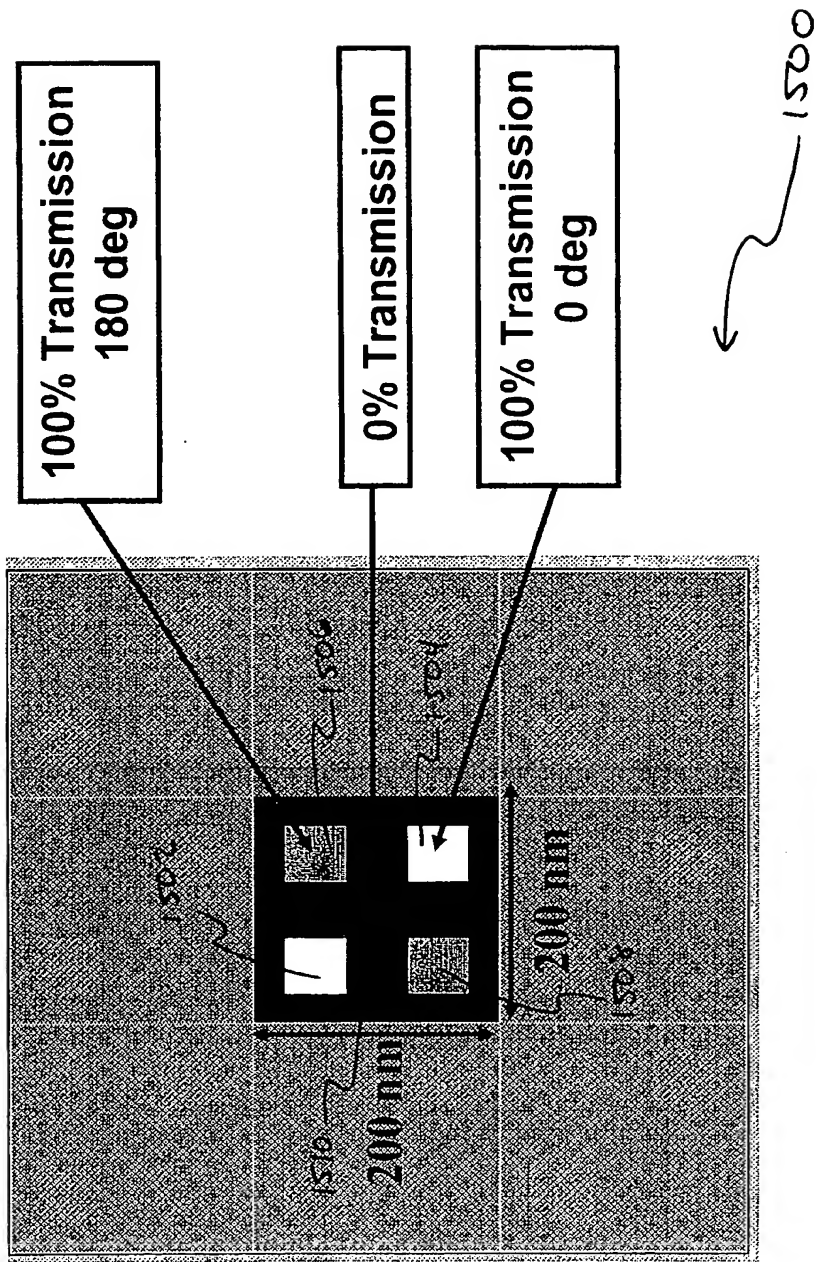
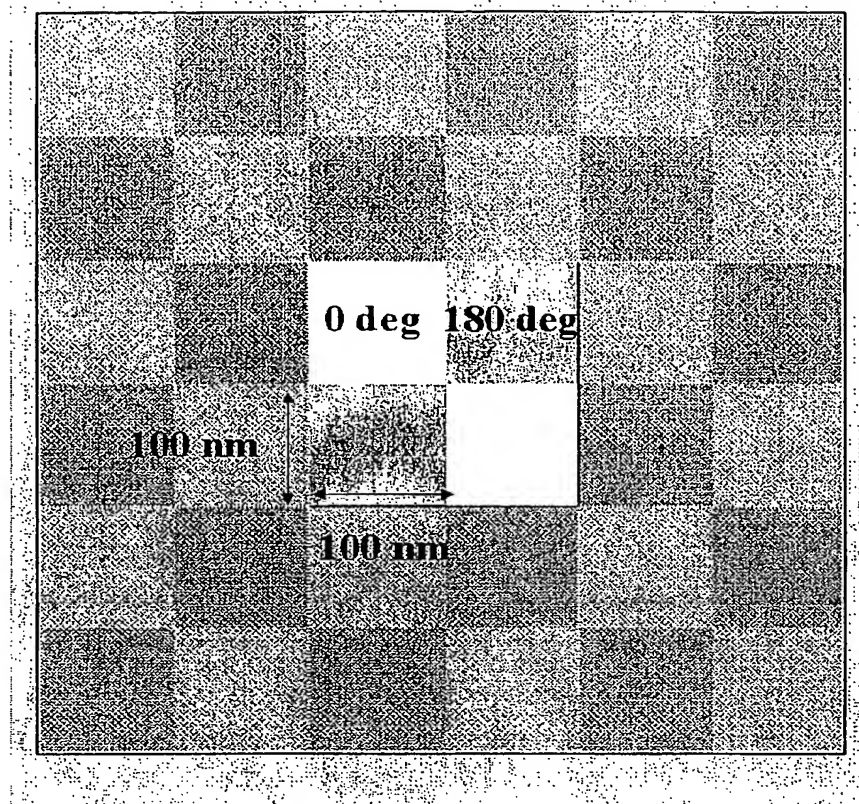
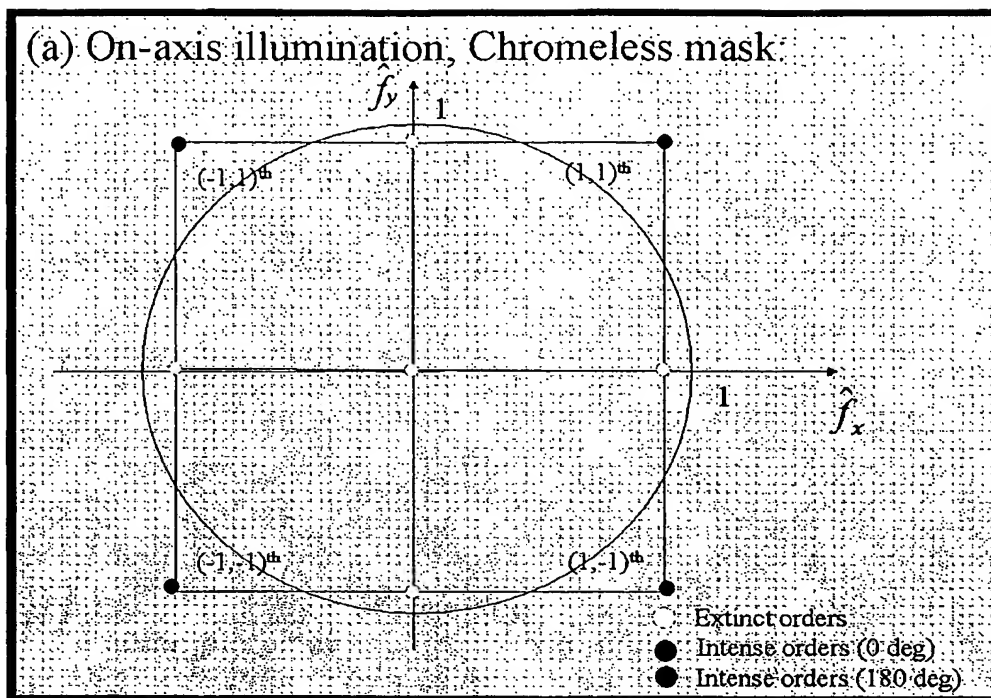


FIG. 15



**FIG. 16**



**FIG. 17A**

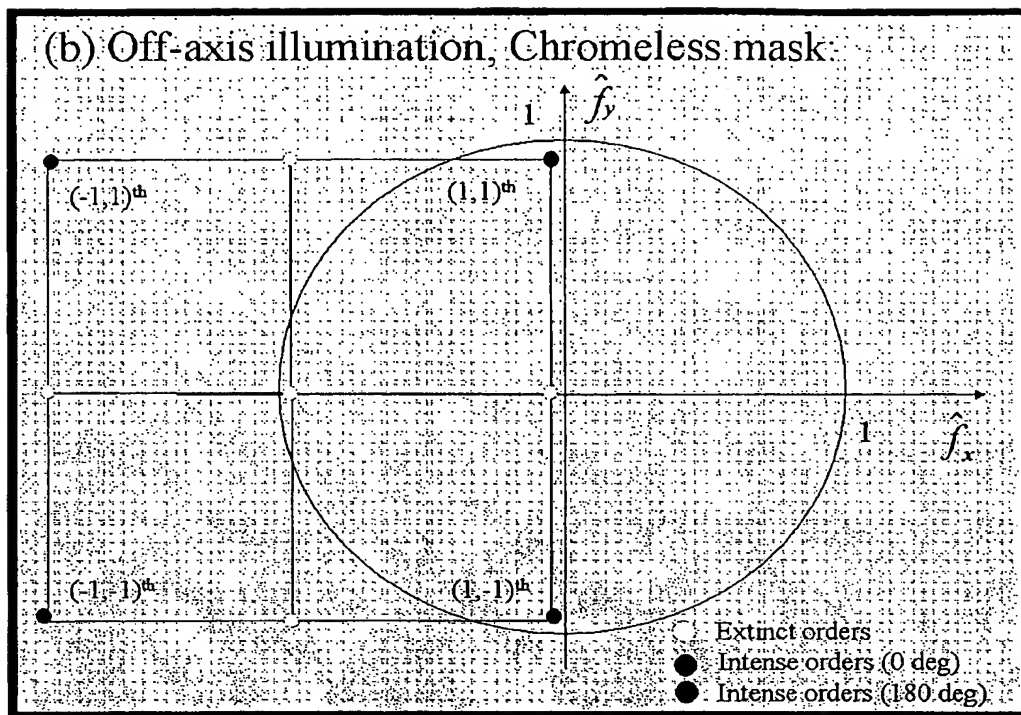
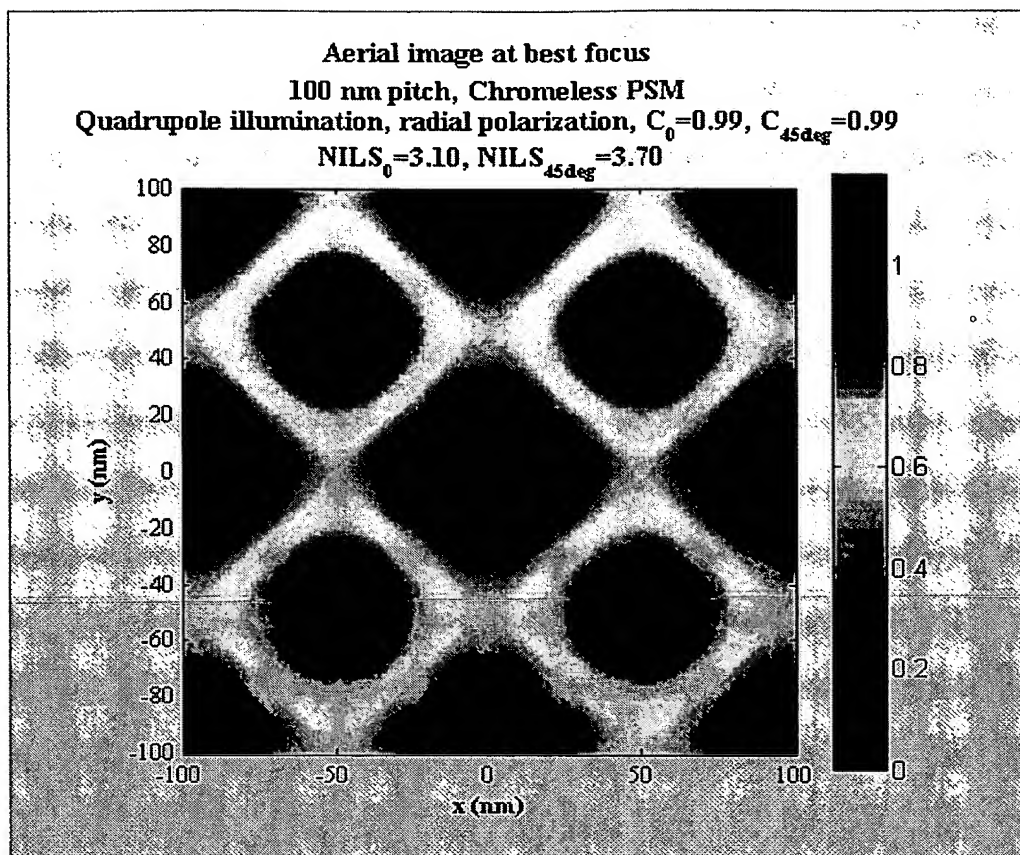
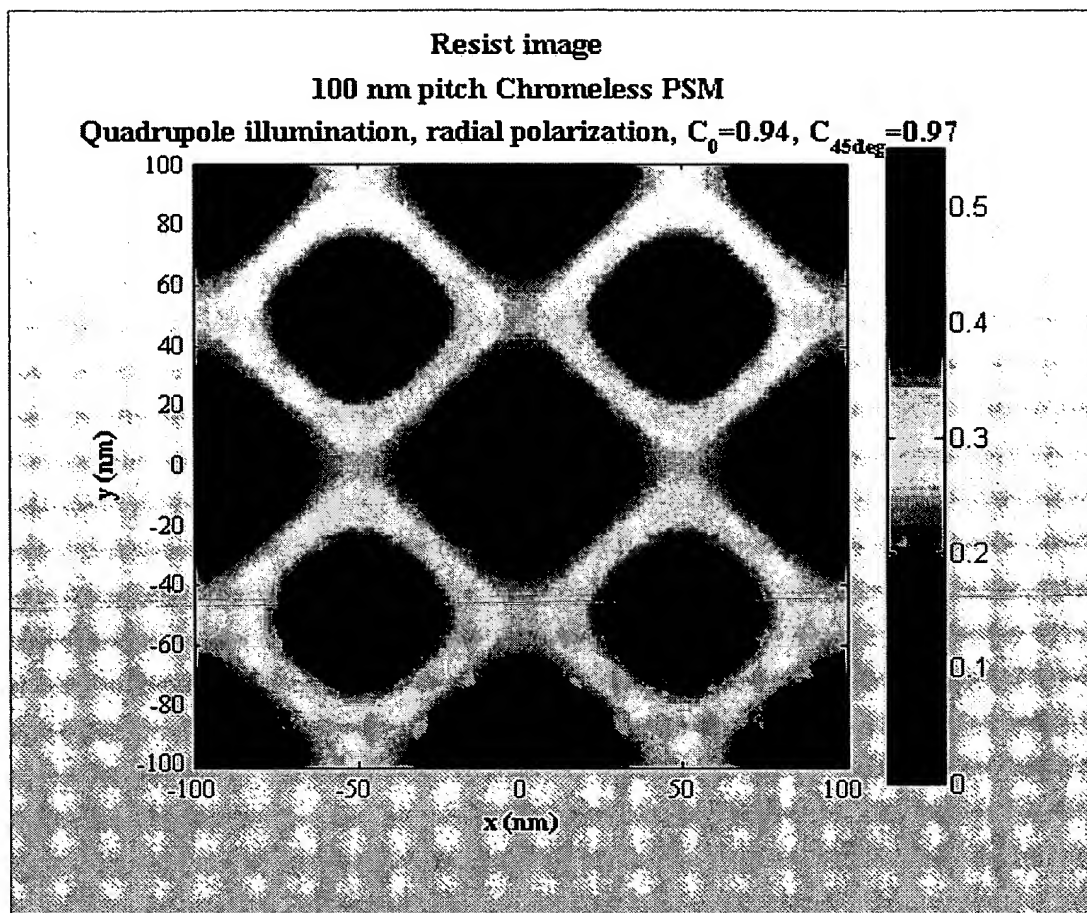


FIG. 17B



**FIG. 18A**

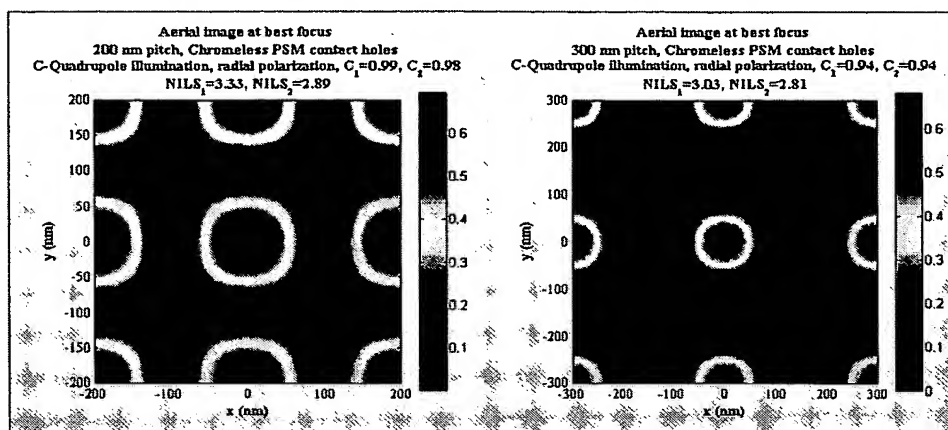


**FIG. 18B**

Aerial image at best focus, variable pitch, chromeless alternating PSMs

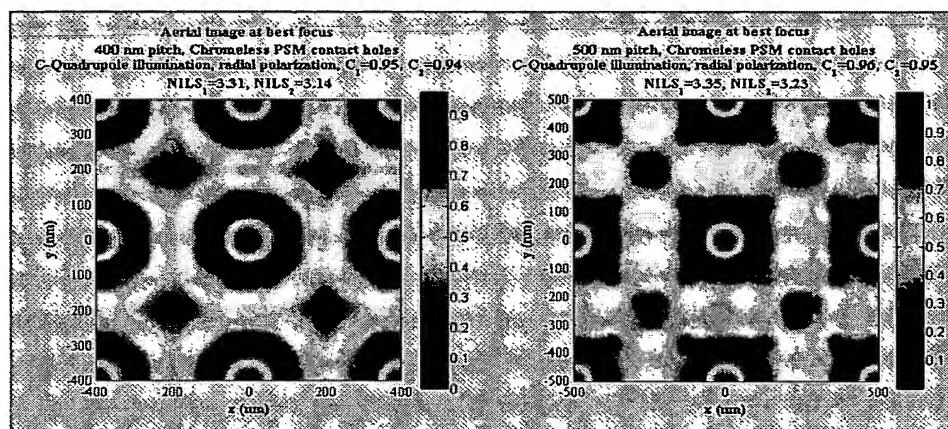
200-nm pitch

300-nm pitch



400-nm pitch

500-nm pitch



600-nm pitch

1000-nm pitch

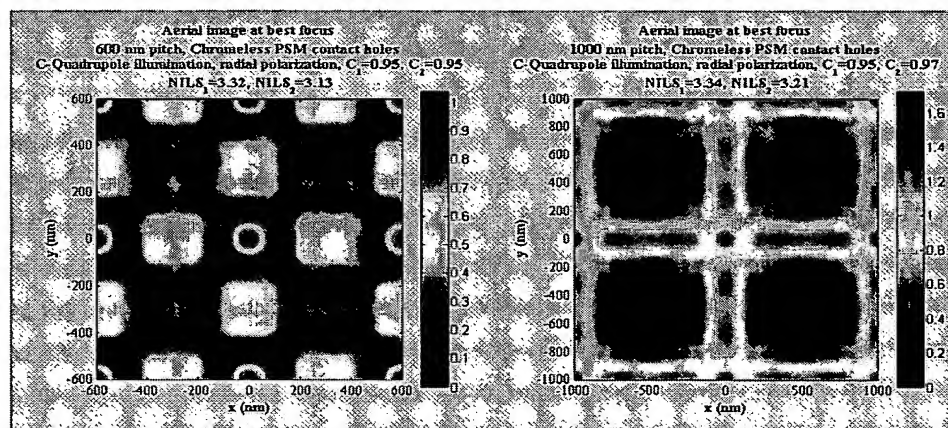


FIG. 19



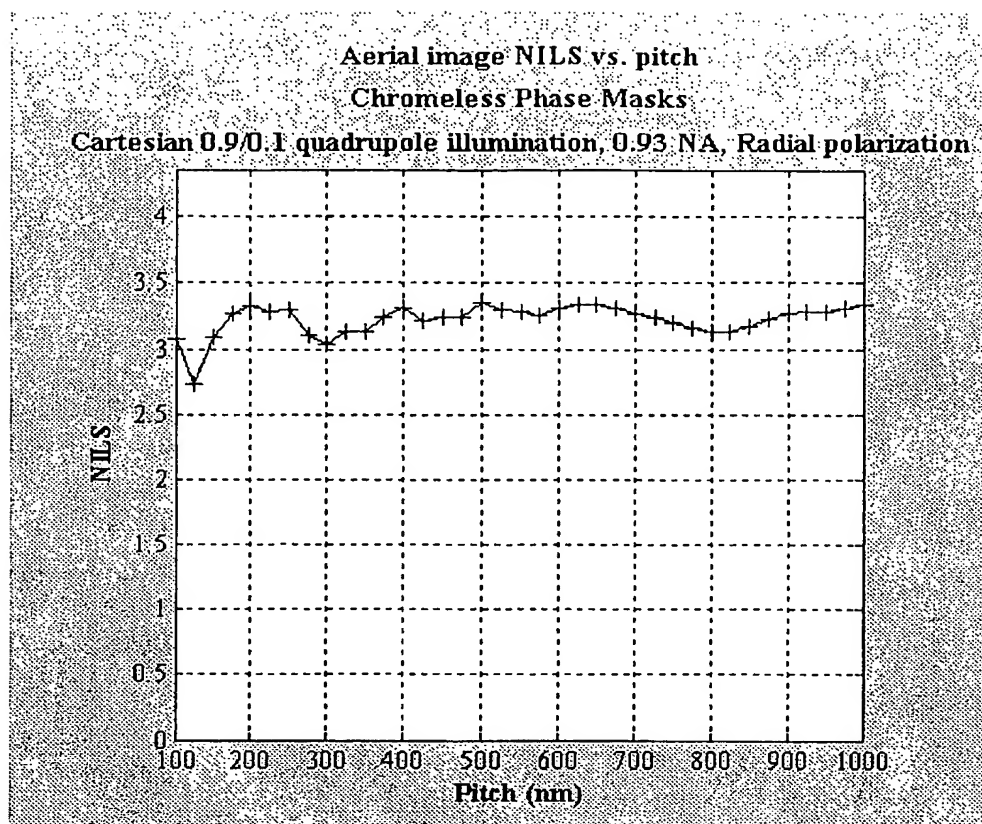
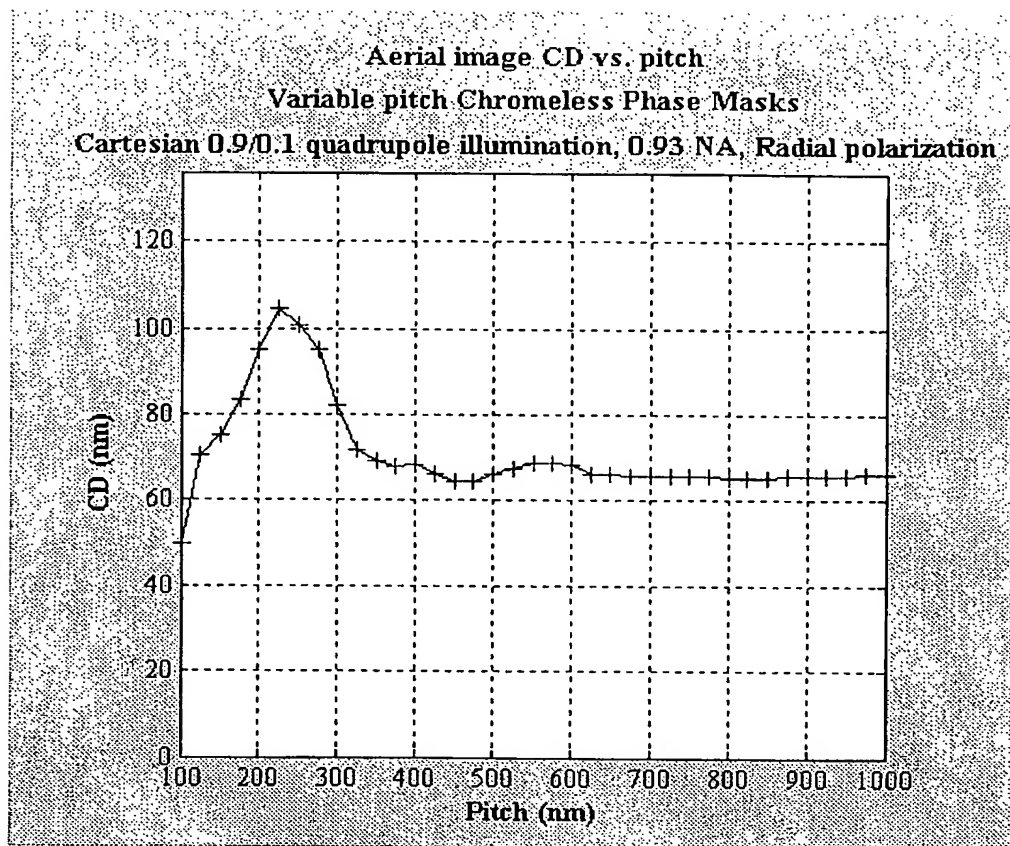
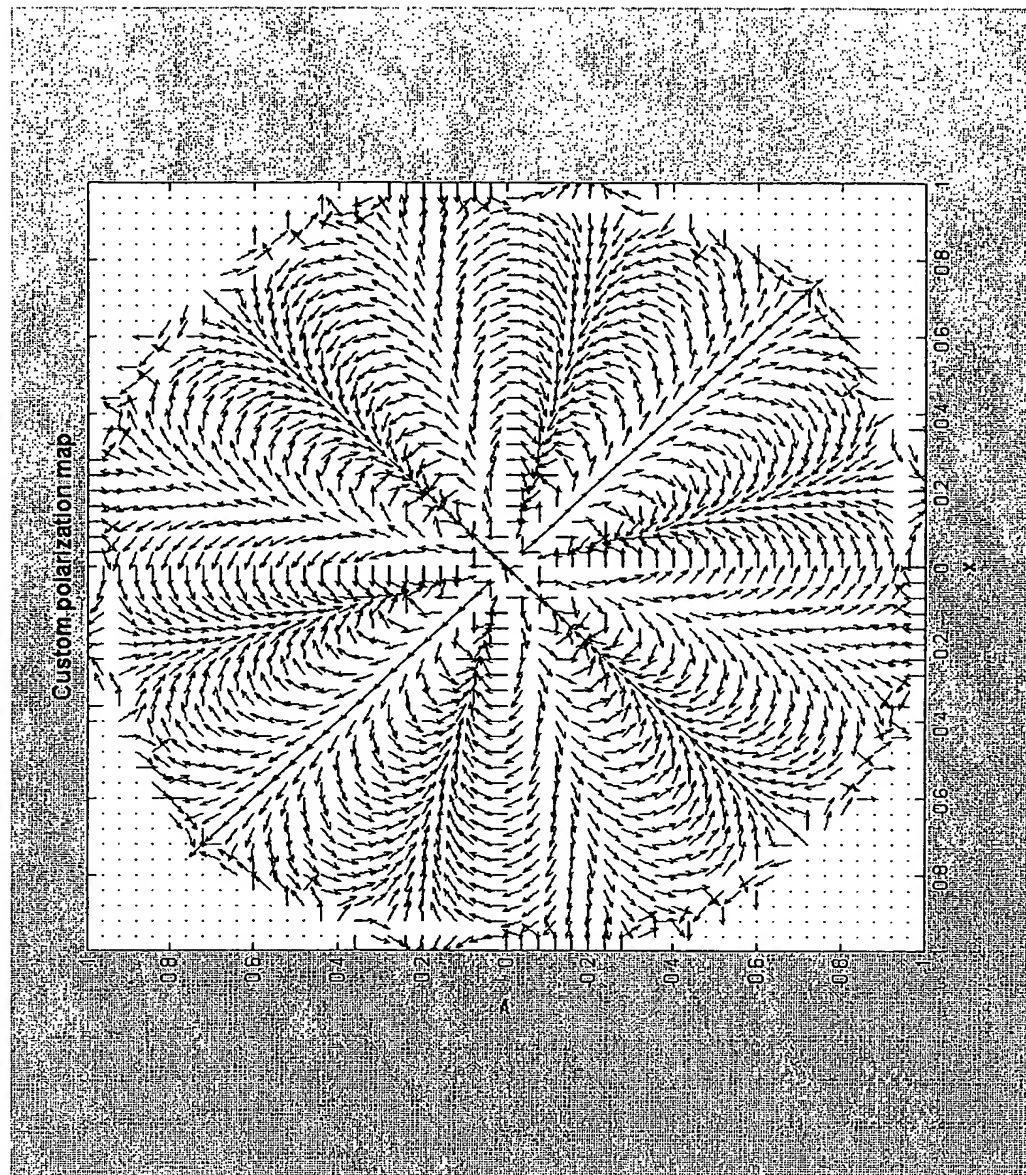


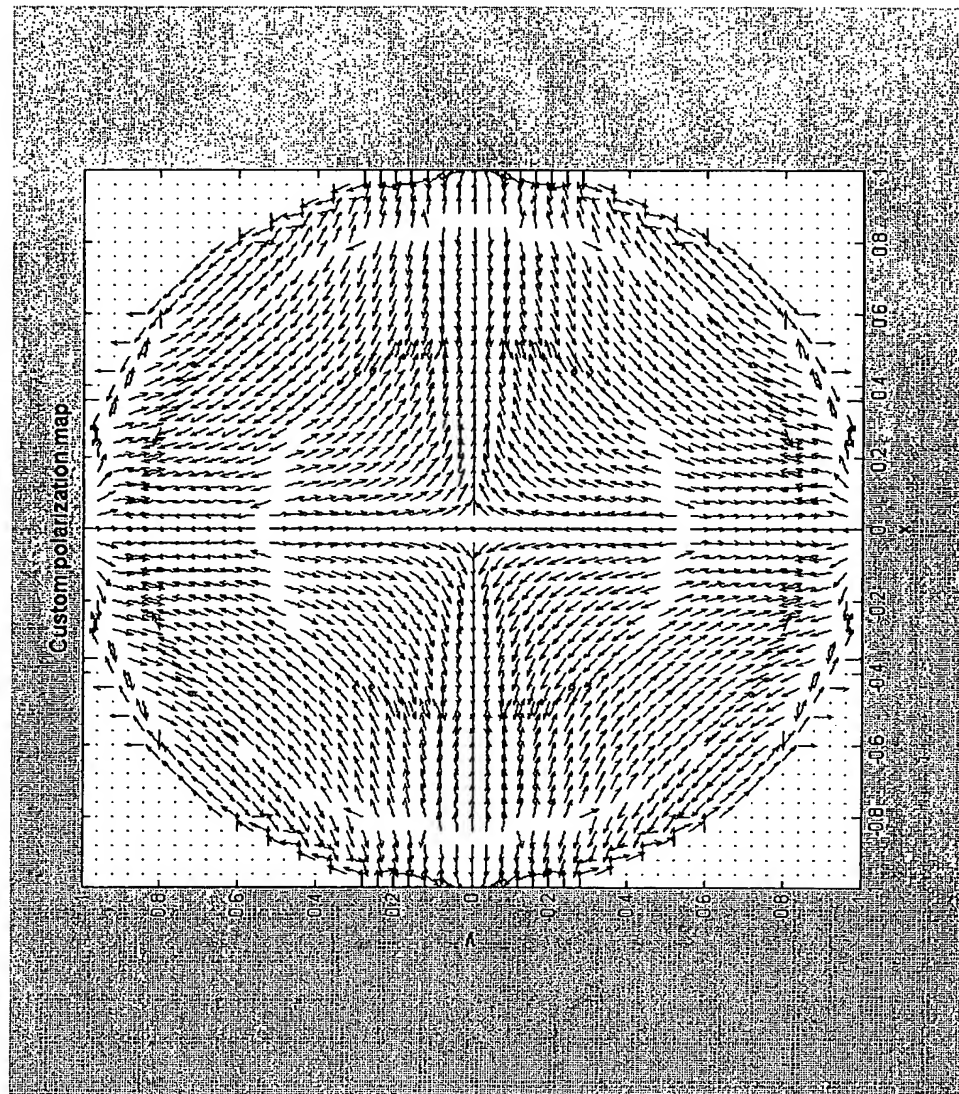
FIG. 20A



**FIG. 20B**



**FIG. 21A**



**FIG. 21B**

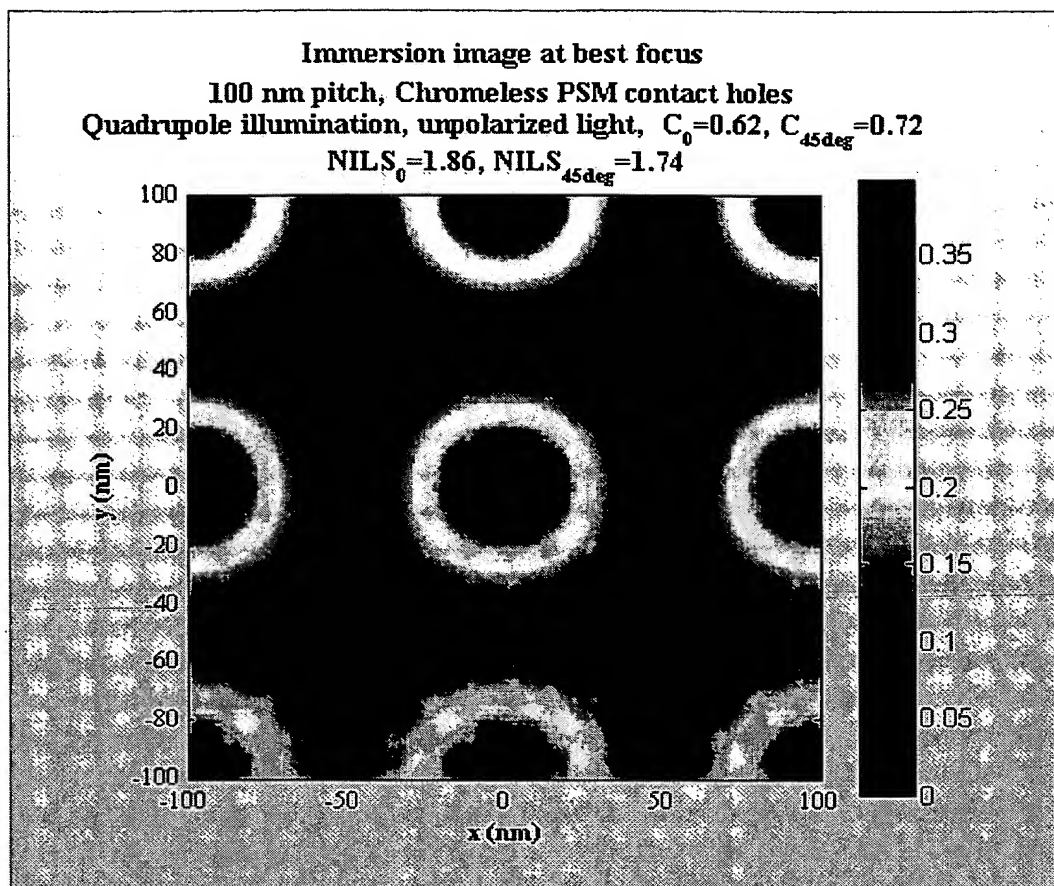


FIG. 22

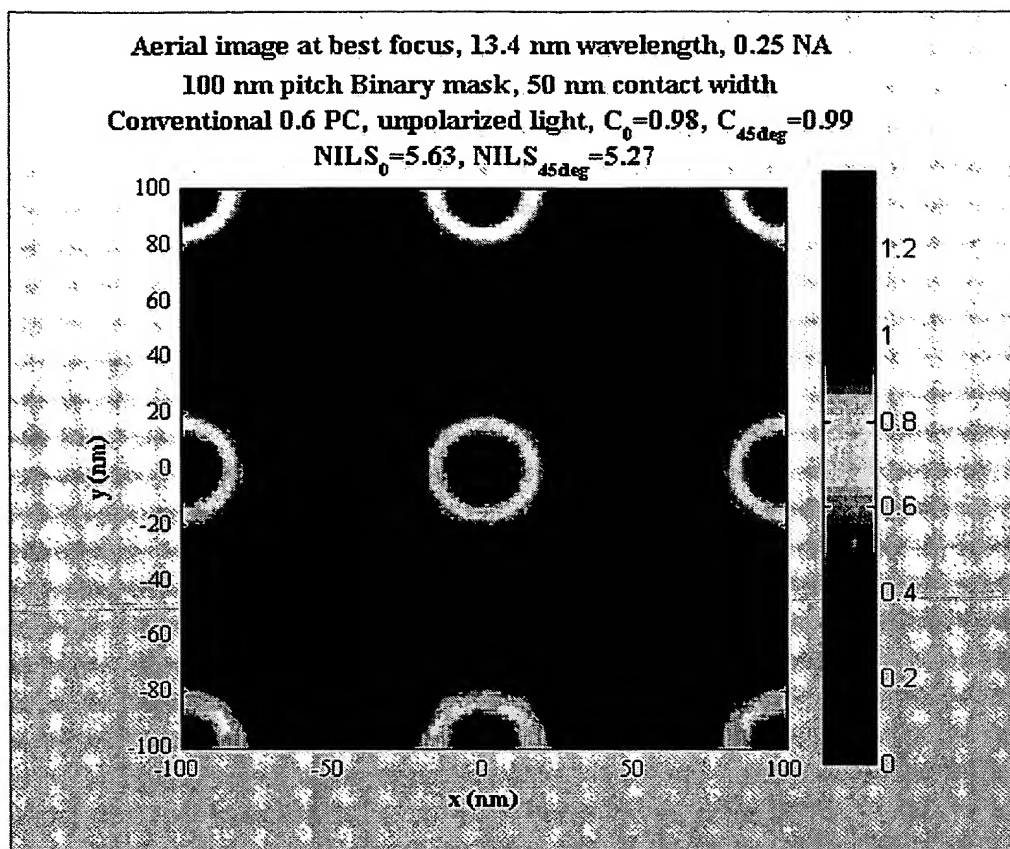


FIG. 23